

**CLEAN VERSION OF CLAIMS**

1. A process for preparing compounds of the general formula I



which comprises reacting compounds of the general formula II



with compounds of the formula  $R^4MgX$  (III) at temperatures below  $0^\circ C$ ,  
where the substituents and variables in the formulae I, II and III have the  
following meanings:

wherein  $Z$  is 0 or 1

wherein  $X$  is halogen or  $R^2$

wherein  $X^a$  is Br, or I

wherein A, B, D and E

independently of one another are CH,  $CR^2$ , N, P or  $CR^3$

wherein F is O, S,  $NR^6$ ,  $CR^2$  or  $CR^3$  when  $z = 0$ , or CH,  $CR^2$ , N, P or  $CR^3$  when  $z$

$= 1$ ,

wherein two adjacent variables A, B, D, E or F together optionally form another  
substituted or unsubstituted aromatic, saturated or partially saturated ring which

has 5 to 8 atoms in the ring and which may contain one or more heteroatoms such as O, N, S, P, and not more than three of the variables A, B, D, E or F being a heteroatom,

wherein  $R^1$  is  $\text{COOR}^2$ , CN,  $\text{CONR}^3\text{R}^{3'}$ , or Halogen

wherein  $R^2$  is substituted or unsubstituted, branched or unbranched  $\text{C}_1\text{-C}_{10}\text{-alkyl}$ ,  $\text{C}_3\text{-C}_{10}\text{-cycloalkyl}$ ,  $\text{C}_1\text{-C}_4\text{-alkylaryl}$ ,  $\text{C}_1\text{-C}_4\text{-alkylhetaryl}$ , or  $\text{R}^5$ ,

wherein  $R^3$  is hydrogen, substituted or unsubstituted, branched or unbranched  $\text{-OC}_1\text{-C}_{10}\text{-alkyl}$ ,  $\text{-OC}_3\text{-C}_{10}\text{-cycloalkyl}$ ,  $\text{-OC}_1\text{-C}_4\text{-alkylaryl}$ ,  $\text{-OC}_1\text{-C}_4\text{-alkylhetaryl}$ ,  $\text{R}^{3'}$  or  $\text{R}^5$ ,

wherein  $R^{3'}$  is hydrogen, substituted or unsubstituted, branched or unbranched  $\text{C}_1\text{-C}_{10}\text{-alkyl}$ ,  $\text{C}_3\text{-C}_{10}\text{-cycloalkyl}$ ,  $\text{C}_1\text{-C}_4\text{-alkylaryl}$ ,  $\text{C}_1\text{-C}_4\text{-alkylhetaryl}$ , or  $\text{R}^5$ ,

wherein  $R^4$  is substituted or unsubstituted, branched or unbranched  $\text{C}_1\text{-C}_{10}\text{-alkyl}$ ,  $\text{C}_3\text{-C}_{10}\text{-cycloalkyl}$ ,  $\text{C}_1\text{-C}_4\text{-alkylaryl}$ ,  $\text{C}_1\text{-C}_4\text{-alkylhetaryl}$  or halogen,

wherein  $\text{R}^5$  is a solid support,

wherein  $\text{R}^6$  is substituted or unsubstituted, branched or unbranched  $\text{C}_1\text{-C}_{10}\text{-alkyl}$ ,

$\text{C}_3\text{-C}_{10}\text{-cycloalkyl}$ ,  $\text{C}_1\text{-C}_4\text{-alkylaryl}$ ,  $\text{C}_1\text{-C}_4\text{-alkylhetaryl}$ , substituted or unsubstituted, branched or unbranched  $\text{-(C=O)-C}_1\text{-C}_{10}\text{-alkyl}$ ,  $\text{-(C=O)-C}_3\text{-C}_{10}\text{-cycloalkyl}$ ,  $\text{-(C=O)-C}_1\text{-C}_4\text{-alkylaryl}$ ,  $\text{-(C=O)-C}_1\text{-C}_4\text{-alkylhetaryl}$  or  $\text{-SO}_2\text{-aryl}$

where the process is carried out on a solid support ( $\text{R}^5$ ).

2. A process as claimed in claim 1, which is carried out in an inert aprotic solvent.

3. A process as claimed in claim 1, which is carried out at temperatures below -15°C.
4. A process as claimed in claim 1, wherein the reaction to give compounds of the formula I as set forth in claim 1 is complete within 10 hours.